

Saint Joseph's College for Women



23 - 24.

245 CLINTON AVENUE
BROOKLYN, N. Y.

Saint Joseph's College for Women

Conducted by
The Sisters of Saint Joseph
BROOKLYN-NEW YORK



CATALOGUE
1923-1924



The Right Reverend Thomas E. Molloy, D.D.
Bishop of Brooklyn
President

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TRAINS AND CAR ROUTES LEADING TO THE COLLEGE

The Main Line, Northside and Southside divisions of the Long Island Railroad, to Nostrand Avenue Station; the Nostrand Avenue car transferring to DeKalb Avenue car, which crosses Clinton Avenue.

The Northside division of the Long Island Railroad to Penn. Station, the Seventh Avenue Subway to DeKalb Avenue Station.

The Subway from the Bronx to Flatbush Avenue Station; the St. John's Place car transferring to the Vanderbilt Avenue car, which crosses DeKalb Avenue, one block from the College.

The Brighton, Sea Beach, and West End Subways to DeKalb Avenue station.

The Fourth Avenue Subway from Manhattan to DeKalb Avenue station.

The Myrtle and Lexington Avenue elevated lines to Vanderbilt Avenue station or Washington Avenue station, two blocks from the College.

COMMUNICATION WITH THE COLLEGE

Important communications for the College should be addressed to the Dean of St. Joseph's College.

Applications for general information and inquiries regarding admission should be addressed to the Registrar of the College.

CALENDAR FOR 1923—1924.

1923.

September 10-15 Registration Week.

Entrance Examinations.

Condition Examinations.

14—Friday—9.00 A. M.—Mass of the Holy Ghost. Queen
of All Saints' Church. Students wear cap and gown.

17—Monday—9.00 A. M.—Classes resumed.

October 12—Friday—Columbus Day—Holiday.

November 1—Thursday—All Saints' Day—Holiday.

6—Tuesday—Election Day—Holiday.

29—Thursday—Thanksgiving Day—Holiday.

30—Friday—Recess—Holiday.

December 21—Friday—Christmas Holidays begin.

1924.

January 3—Thursday—Classes resumed.

21—Monday—Mid-year Examinations.

28—Monday—Three-Days Annual Retreat.

Registration for second semester.

31—Thursday—Retreat closed.

10.30 A. M.—Registration in all courses.

February 3—Monday—9.00 A. M.—Classes resumed.

12—Tuesday—Lincoln's Birthday—Holiday.

22—Friday—Washington's Birthday—Holiday.

March 19—Wednesday—St. Joseph's Feast—Holiday.

29—Saturday—Condition Examinations.

April 16—Wednesday—5.00 P. M.—Easter Recess.

28—Monday—9.00 A. M.—Classes resumed.

May 26—Monday—Final Examinations begin.

29—Thursday—Ascension Day—Holiday.

30—Friday—Memorial Day—Holiday.

June 8—Sunday—Baccalaureate Sermon.

11—Wednesday—Commencement.



St. Joseph's College for Women

SCHEDULE OF ENTRANCE AND CONDITION EXAMINATIONS.

1923	1924	10-12 A. M.	1.30-3.30 P. M.
Monday, September 10	June 23	Latin 1-2 Church History	Latin 3-4 Biology
Tuesday, September 11	June 24	English	Mathematics
Wednesday, September 12	June 25	Chemistry Physics	French Spanish
Thursday, September 13	June 26	History German	Physiography Education
Friday, September 14	June 27	Religion Philosophy Ethics	Political Science Music Greek

No student may enter an examination more than five (5) minutes late.

OFFICERS.

OFFICERS OF GOVERNMENT.

The Right Reverend Thomas E. Molloy, D.D.
President

The Right Reverend Monsignor Joseph McNamee, V.G.
Vice-President

OFFICERS OF ADMINISTRATION.

The Sisters of St. Joseph
Brooklyn, N. Y.

Mother Mary Louis
General Superior

Sister Mary of the Sacred Heart
Dean

ADVISORY BOARD

The Very Reverend John W. Moore, C.M.,
President, St. John's College, Brooklyn

The Very Reverend Joseph A. Farrell, S.J.,
President, Brooklyn College, Brooklyn

The Reverend Brother David, O.S.F.,
President St. Francis' College, Brooklyn

Mathias Figueira, M. D. 14 Stuyvesant Ave., Brooklyn

Mr. Joseph F. Keaney, K. S. G. 470 Washington Ave., Brooklyn

The Honorable William J. Kelly 292 St. James Pl., Brooklyn

Mr. James J. Kirwin 924 President St., Brooklyn

Francis J. Magilligan, M.D. 135 Bergen St., Brooklyn

Mr. Michael F. McGoldrick 199 Washington Ave., Brooklyn

The Honorable Denis O'Leary Douglaston, N. Y.

Mr. George F. Ryan 46 Jackson Ave., Long Island City

James J. Walsh, M.D., Ph.D., Litt.D. 100 West 74th St., New York

James S. Waterman, M.D. 676 St. Marks Ave., Brooklyn

The Honorable John Whalen, LL.D. 458 West 153d St., New York

Mr. Bernard J. York 271 Broadway, New York

FACULTY.

THE REVEREND WILLIAM T. DILLON, M.A.
Religion, Philosophy

THE REVEREND EDWARD J. SWEENEY, M.A.
Sacred Scripture

SISTER MARY CARMELA, M.A.
Chemistry

SISTER MARIE DE LA SALLE, Ph.D.
Classical Languages

SISTER MARY ANGELICA, Ph.D.
Mathematics, Science

SISTER AUGUSTINE MARIA, Ph.D.
English

A. I. DU PONT COLEMAN, M.A., Oxon.
Literature

PHILIP R. V. CUROE, M.A.
Education

ABRAHAM LONDON, M.A.
Methods

PAUL MARTIN, Jr.
Music

ANGELA M. KEYES, Litt.D.
English

GERTRUDE WALSH
Oral English

GEORGIANA P. McENTEE, M.A.
History

HANNAH M. EGAN, Ph.D.
Psychology, Logic

ANTOINETTE L. PANTANO, M.A.
French

JUANITA MOLINA, B.S.
Spanish

EVELYN R. JANTZER
Physical Training

MILDRED CALHOUN
Athletics

MABEL DAVIDSON
Sewing

MARY E. FOX
Drawing

REQUIREMENTS FOR ADMISSION.

The following applicants may be admitted to the Freshman Class without examination:

1. Candidates who present the Academic Diploma issued by the Regents of the University of the State of New York.

2. Candidates who present the College Entrance Diploma of the New York State Department of Education.

3. Candidates with a certificate from the College Examination Board.

4. Graduates from high schools and academies maintaining a four-year academic course, recognized by the Regents of the University of the State of New York.

5. Graduates from high schools and academies approved by the Faculty of the College.

6. Special students who present satisfactory evidence of competency to pursue the courses which they elect.

ADMISSION TO ADVANCED STANDING.

Candidates for advanced standing, not coming from accredited colleges, may be admitted on examination to the desired grade.

Candidates from accredited colleges must submit a statement of honorable dismissal, an official statement of entrance credits and of college credits. Examinations may be required at the discretion of the Faculty.

No student will be received as a candidate for the degree of Bachelor of Arts after the beginning of the Junior year.

All courses during Senior year must be taken at the College.

ADMISSION BY EXAMINATION.

This examination includes the following subjects amounting to fourteen and one-half units. (A unit as defined by the College Entrance Examination Board represents five periods a week for one year in any subject pursued in a secondary school. Expressed in terms of Regents academic counts, one unit is the equivalent of five counts).

PRESCRIBED

English, 4 years.....	3 units
Elementary and Intermediate Algebra.....	2 "
Plane Geometry.....	1 "

ALTERNATIVE

Foreign Language, 3 years.....	3 units
Foreign Language, 2 years.....	2 "
Elementary Science.....	1 "
History	1 "

ELECTIVE

Subjects not offered as part of the above.....	2 units
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Total 15 units

Elective subjects chosen may be:

An additional year of foreign language.....	1 unit
An additional year of history.....	1 "
An additional science.....	1 "
Elementary and advanced drawing.....	1 "
Advanced Algebra	$\frac{1}{2}$ "
Solid Geometry.....	$\frac{1}{2}$ "
Plane Trigonometry.....	$\frac{1}{2}$ "

Foreign languages accepted are Latin, Greek, French, German, Spanish, Italian.

No student who has more than two conditions will be admitted.

COLLEGE ENTRANCE DIPLOMA IN ARTS.

Issued by the University of the State
of New York.

Required subjects, 63 counts.

English	16	counts	} 33 counts	
Algebra	7	"		
Plane Geometry	5	"		
History	5	"		
Either {	Four years of Latin.....	20	"	} 30 counts
	and			
	Two years of French, German, or Spanish	10	"	
	Three years of Latin.....	15	"	
Or {	and			} 15
	Three years of French, German, or Spanish	15	"	

Elective subjects, 10 counts.

An additional year of French, German, Greek or Latin	5	counts	} 9 counts
Advanced Botany	5	"	
Advanced Zoology	5	"	
Biology	5	"	
Chemistry	5	"	
Physics	5	"	
Physical Geography	5	"	
Two of the following:.....	5	"	
Advanced Algebra			
Solid Geometry			
Plane Trigonometry			

Total.....72 counts

The definitions of requirements in the above named subjects are found in the Regents' Syllabus for Secondary Schools.

COLLEGE ENTRANCE DIPLOMA IN SCIENCE.

Issued by the University of the State
of New York.

Required subjects, 63 counts.

English	16	counts	}	33 counts
Algebra	7	"		
Plane Geometry	5	"		
History	5	"		
Three years of Latin, German, French, Spanish or Italian	15	"	}	30 counts
and				
Two years of a second foreign language: Latin, German, French, Greek, Spanish or Italian	10	"		
One of the following:	5	"		
Advanced Botany				
Advanced Zoology				
Biology				
Chemistry				
Physics				
Physical Geography				
Elective subjects as follows:	10	counts	}	9 counts
An additional year of French, German, Greek or Latin	5	"		
Advanced Botany	5	"		
Advanced Zoology	5	"		
Biology	5	"		
Chemistry	5	"		
Physics	5	"		
Physical Geography	5	"		
Advanced Algebra	5	"		
Solid Geometry	5	"		
Trigonometry	5	"		
History	5	"		
Drawing—a maximum of	5	"		
Shopwork—a maximum of	5	"		
Advanced Bookkeeping—a maximum of	5	"		
Shorthand 2—a maximum of	5	"		

Total.....72 counts

The definitions of requirements in the above named subjects are found in the Regents' Syllabus for Secondary Schools.

REQUIREMENTS FOR DEGREES.

1. Bachelor of Arts.

Every candidate for a bachelor's degree must obtain credit for sixty-four hours' work. A certain proportion of this work must be of a superior grade of excellence. These sixty-four hours may be distributed as follows:

Freshman Year

Religion	2	periods	a	week
English	4	"	"	"
Latin	3	"	"	"
Modern Language	3	"	"	"
Mathematics	3	"	"	"
Science	5	"	"	"
Physical Training	1	"	"	"

21 periods a week

Sophomore Year

Religion	2	periods	a	week
English	3	"	"	"
History	3	"	"	"
Major and Minor Subjects	6	"	"	"
Electives	3	"	"	"
Physical Training	1	"	"	"

18 periods a week

Junior Year

Religion	1	period	a	week
Philosophy	3	"	"	"
Political Science	3	"	"	"
Major and Minor Subjects	6	"	"	"
Electives	6	"	"	"
Physical Training	1	"	"	"

20 periods a week

Senior Year

Religion	1	period	a	week
Ethics	2	"	"	"
Major Subject and Major Methods	4	"	"	"
Electives	5	"	"	"

12 periods a week

REQUIREMENTS FOR DEGREES.

2. Bachelor of Science.

Candidates for this degree must obtain credit for at least thirty-four hours' work in science.

Freshman Year

Religion	2	periods	a	week
English	4	"	"	"
Ancient (Classics) or Modern Language	3	"	"	"
Mathematics	3	"	"	"
Science	6	"	"	"
Physical Training	1	"	"	"
19 periods a week				

Sophomore Year

Religion	2	periods	a	week
English	3	"	"	"
History	3	"	"	"
Science	9	"	"	"
Physical Training	1	"	"	"
18 periods a week				

Junior Year

Religion	1	period	a	week
Philosophy	3	"	"	"
Political Science	3	"	"	"
Science	9	"	"	"
Physical Training	1	"	"	"
17 periods a week				

Senior Year

Religion	1	period	a	week
Ethics	2	"	"	"
Science	10	"	"	"
13 periods a week				

St. Joseph's College for Women

GENERAL INFORMATION

FOUNDATION AND CHARTER.

Saint Joseph's College for Women was founded by Right Reverend Charles E. McDonnell, D.D., Bishop of Brooklyn.

Its charter was granted by the Board of Regents of the State of New York, February twenty-fourth, Nineteen hundred sixteen. By virtue of this charter it is privileged "to establish and maintain, in accordance with the requirements of the Regents of the University of the State of New York, departments of higher education; and, subject to the requirements and restrictions of the law of the Regents rules, to confer upon duly qualified students registered degrees."

LOCATION.

The college is located at 245 Clinton Avenue, in the heart of the most desirable and exclusive section of Brooklyn. It is easily accessible from all parts of the city.

BUILDING AND GROUNDS.

The college building is a handsome and thoroughly equipped modern edifice in red brick and white sandstone. The studyhalls and classrooms are large, lightsome and well ventilated. Extensive lawns surround the building and afford ample space for outdoor exercise. An athletic field is provided for tennis, hockey, basketball and other sports. In addition a well equipped gymnasium furnishes every facility for indoor exercise.

LABORATORIES.

The physical and chemical laboratories are well appointed for thorough work in the science courses offered to the students.

LIBRARY.

The library contains carefully selected volumes of general reference and special books to meet the needs of each department. The reading-room is supplied with current magazines and journals.

AIM AND SCOPE.

Saint Joseph's College for Women strives to accomplish the aim of all Catholic education, viz:—the development of the intellectual powers, the training of the moral instincts and the formation of character.

In the achievement of this worthy purpose it makes use of the principles of human knowledge, the precepts of Christian morality and the doctrines of Revealed Religion. It is fully convinced of the truth expressed in the words: "Woman trained in the school of Jesus Christ and filled with His spirit, is called to exercise the most beneficent and salutary influence on the family and on society."—Leo XIII.

DEGREES.

The college offers a four-year course of undergraduate study leading to the degrees of Bachelor of Arts and Bachelor of Science. This course consists partly of prescribed and partly of elective subjects.

At Commencement the degree of B.A. or B.S. is awarded with honor to students whose work has been of unusual grade.

The degree Summa Cum Laude shall be granted to those students who have received the grade A in courses counting at least 108 points, with the remaining grades all B.

The degree of Magna Cum Laude shall be granted to those students who have received the grade A in courses counting at least 64 points with the remaining grades all B.

The degree Cum Laude shall be granted to those students who have received the grades A and B in courses counting at least 115 points, with the remaining grades all C.

PRIZES.

The Bishop McDonnell Purse for Religion (\$25) is awarded annually to the graduate who has Grade A for the required 12 points.

The Bishop Molloy Purse for General Excellence (\$25) will be awarded to the graduate who has been an Honor Student during her College course.

A prize of \$25 in gold is awarded annually to the student in each class who has the highest average of A grade work.

SCHOLARSHIPS.

Through the generosity of friends and patrons a number of scholarships are offered to deserving students. Unless special conditions are named by the founders, the only requirement governing the awarding of scholarships is, that the student shall be one who in scholarly ability will reflect credit upon the college.

The sum of two thousand five hundred dollars is necessary to found a full perpetual scholarship, and five hundred dollars for a four-year scholarship. To increase their efficiency in the work of collegiate education the Sisters of St. Joseph earnestly solicit such foundations.

PERPETUAL SCHOLARSHIPS.

In June, 1922, competitive examinations were held for the following Perpetual Scholarships:

THE BISHOP McDONNELL MEMORIAL founded by THE RIGHT REVEREND THOMAS E. MOLLOY, D.D.—won by a graduate of Saint James' Academy, Brooklyn, N. Y.

THE WALTERS' MEMORIAL founded by Mr. JOHN WALTERS—won by a graduate of Saint James' Academy, Brooklyn, N. Y.

THE SAINT JOSEPH'S COLLEGE ALUMNAE—won by a graduate of Saint James' Academy, Brooklyn, N. Y.

THE BLOCK MEMORIAL founded by Mr. & Mrs. GASTON BLOCK—won by a graduate of Saint Joseph's Academy, Brentwood, N. Y.

THE SAINT ANGELA'S HALL—won by a graduate of Saint Francis Xavier's Academy, Brooklyn, N. Y.

In 1918, the SISTERS OF SAINT JOSEPH founded a Perpetual Scholarship (Golden Jubilee Gift) for a graduate of Saint James' Academy.

In 1922, THE VERY REVEREND WILLIAM T. McGUIRL, LL.D., founded THE MOTHER MARY LOUIS PERPETUAL SCHOLARSHIP.

STATE SCHOLARSHIPS.

State Scholarships are held by the following students:

MARIE TERESA DOLAN, '24, Saint Joseph's Academy, Brentwood, N. Y.

RITA AGNES FEARON, '24, Saint Joseph's Academy, Brentwood, N. Y.

MARY EUGENIA ST. JOHN, '24, Saint James' Academy, Brooklyn, N. Y.

CAROLINE CLOTILDA CORCORAN, '24, Saint James' Academy, Brooklyn, N. Y.

CECILIA M. McLOUGHLIN, '25, Saint James' Academy, Brooklyn, N. Y.

AGNES V. ROLAND, '25, Saint James' Academy, Brooklyn, N. Y.

AGNES E. DALY, '26, Flushing High School, Flushing, N. Y.

MARGARET F. JOHNSTON, '26, Saint James' Academy, Brooklyn, N. Y.

IRENE V. LENT, '26, Huntington High School, Huntington, N. Y.

MARY E. McDONNELL, '26, Saint Joseph's Academy, Brentwood, N. Y.

AGNES V. McSHANE, '26, Saint James' Academy, Brooklyn, N. Y.

REGULATIONS IN REFERENCE TO STUDIES, CREDITS, GRADES AND EXAMINATIONS.

The courses of study are arranged in groups, each of which is designated by its principal subjects such as the Latin and Greek Group, the Latin and Spanish Group, the French and German Group. The election of groups is made with the approval of the Faculty in Sophomore year and this election controls the student's work in the Junior and the Senior years.

A student who has not removed her entrance conditions will not be allowed to register in the Sophomore class.

The mark of A, B, or C in a course of higher grade than the entrance requirements will be regarded as removing the entrance conditions in a given subject, provided the work of the college course involves the part of the work in which the condition exists. No college credit will be given for that part of the work which removes entrance conditions.

To receive advance credits for additional units, students must maintain good academic standing during the first year in college.

Students from other colleges desiring to enter with advanced standing must present: (a) an official statement of their entrance and college records, (b) an outline of the courses taken, (c) an honorable dismissal from the college formerly attended.

Credits and Grades.

No student who has not satisfied all entrance conditions may exceed a maximum of fifteen credits of regular college work.

No student may exceed a maximum of eighteen credits of work unless she has maintained a standard of at least B⁺ during the preceding semester.

Separate credit will not be given for a one-credit course; it must be taken in connection with an allied course.

The achievement of the student will be indicated in the following Grades: A, excellent; B, good; C, fair; D, conditioned; F, failed.

If a student's work in any elective course falls below D she will be obliged to discontinue the course.

If a student receives grade F for a semestral course required for a degree, she must repeat the course.

A student who fails to secure a grade of at least C in the subject for a semester will receive no college credit for that subject. A college condition of this kind may be removed by passing an examination in the subject during the succeeding semester. The highest Grade to be allowed for this re-examination will be C.

A major subject representing 24 credits and a minor subject representing 18 credits must be selected by each student. These subjects may be chosen from the following: English, Latin, Greek, French, Spanish, Italian, History, Mathematics, Chemistry, Physics, Botany, Geology.

Each student for the B.A. degree must offer 128 points, of which 12 points must be for Religion; 6 points for Philosophy; 14 points for English; 4 points for Ethics.

Examinations.

If a student has maintained a uniform standard of A in any subject, she will be exempted from the semestral examination in that subject.

Examinations are held monthly and at the end of each semester.

Absence from monthly examinations may not be cancelled. The student must reach a higher class grade.

Absence from final examinations in any course may be cancelled by a "Condition Examination," which will be allowed only to a student who satisfies the Committee that her absence was unavoidable. This permission will be given in writing by the Registrar.

Absences.

A student who has been marked absent for more than one-tenth of the class hours during the semester in a given course shall not be entitled to full credit in that course. A student absent for this length of time on account of illness will be permitted to make up her work.

Lateness will be penalized even to the extent of being considered half an absence.

DROPPING COURSES.

A student desiring to drop a course in which she is registered must apply for permission to do so at the office of the Registrar. Courses dropped with permission during the first month will be cancelled on the records. Courses dropped without permission or because of poor work will be graded as "F". Students permitted to drop courses must report to the course instructors.

CHANGE OF COURSE.

A student wishing to change her major may do so at the end of her first semester of Sophomore year by notifying the Registrar. Thereafter a student desiring to change her major or minor must apply in writing on a blank furnished by the Registrar, which must be signed by the heads of all departments affected, and by the Registrar.

SUMMER SESSIONS.

A student may receive credit for summer work, not to exceed 8 points in any one summer, provided that she does the work in some recognized summer school, such as Fordham University. To receive these credits she must get in advance the permission of the Registrar.

NOTICES.

Students are held responsible for all notices appearing on the Registrar's bulletin board. Failure to respond to such notice within 24 hours will be considered as evidence that the student is absent from College. If she is found to be present she will be taken from her class and credited with an absence from her class.

PROGRAMS.

Students will not receive credit for an excess of the number of hours allowed. Students must not seek to avoid first hours nor late afternoon hours.



Registrar's Office

SUMMARY OF COURSES.

The courses in Religion include Apologetics, the study of the Sacred Scriptures and the study of Church History.

The courses in Mental Philosophy include Logic, Criticism, Ontology, Cosmology, Psychology and Natural Theology.

The course in Moral Philosophy or Ethics will be planned with a view to a clear understanding of the principles of Christian ethics and of the relation between morality and religion.

The courses in English include Anglo-Saxon Literature, the authors of the various ages of English and American Literature with special reference to Catholic authors. Rhetoric; Theme Writing and Oral English.

The courses in Foreign Language include the classical languages,—Latin and Greek, and the modern languages,—French, German and Spanish.

The courses in History include Ancient History, Medieval History, Modern History with special reference to American History (Political and Constitutional), and History of Philosophy.

The courses in Science include the Physical Sciences,—Chemistry in its various divisions, Physics, Biology, Geology and the Social Sciences,—Economics and Sociology.

The courses in Mathematics include Solid Geometry, Advanced Algebra, Trigonometry, Analytical Geometry Differential Calculus and Integral Calculus.

The courses in Pedagogy include Educational Psychology, History of Education, Principles of Education, Methods of Teaching, and Observation.

DEPARTMENTAL OUTLINES.

RELIGION.

Course 11.

Revelation.—Tradition and Scripture. The nature, motives and truths of the Christian Faith.
2 hours a week, 1 semester, 2 points.

Course 12.

The Church of Christ: Its foundation; constitution; marks and functions.
2 hours a week, 1 semester, 2 points.
Courses 11-12 are prescribed for Freshmen.

Course 21.

Morality and Religion: Commandments of God and of the Church. The Virtues. Sin. Conscience. Moral sanctions.
2 hours a week, 1 semester, 2 points.

Course 22.

Sanctification: Prayer and the Sacraments. The Sacramentals.
2 hours a week, 1 semester, 2 points.
Courses 21-22 are prescribed for Sophomores.

SACRED SCRIPTURE.

Course 41.

Introductory: The Encyclical of Pope Leo XIII. "Providentissimus Deus." The Bible. The number, order and arrangement of the Sacred Books. The Preservation of the Bible. Biblical History and Chronology. Decrees of Councils and Biblical Commission.
1 hour a week, 1 semester, 1 point.

Course 42.

Inspiration: Its nature, extent, criteria and effects. The formation of the Canon of Scripture. The Protocanonical, Deuterocanonical and Apochryphal Books. Relation of Hebrew and Greek Canons. Latin, Greek, Anglo-Saxon and English versions.
1 hour a week, 1 semester, 1 point.
Courses 41-42 are prescribed for Seniors.

Course 43.

General introduction to the New Testament. The Gospels. The miracles, prophecies, parables, and discourses of Christ contained in the Gospels. Acts of the Apostles. The Epistles.

1 hour a week, 1 semester, 1 point.

Course 44.

Manners and Customs of the People of Palestine. Hebrew notions of time. Feasts and Sacrifices. The High Priests. Heathen Nations surrounding Israel.

1 hour a week, 1 semester, 1 point.

CHURCH HISTORY.

Course 31.

General View of Church History: Its sources and divisions; relation of ancient world to Christianity. The Apostolic Age. Worship, discipline, customs. Edict of Milan. Decline of paganism. Christianity among the Germanic and the Slavonic nations. Mohammedanism.

1 hour a week, 1 semester, 1 point.

Course 31.

Medieval Church History: Temporal power of the Pope. Greek Schism. Investitures. The Crusades. Relation between Church and State. Catholic Science and Literature. Universities.

1 hour a week, 1 semester, 1 point.

Course 32.

The Protestant Revolt: Its causes and results. The Council of Trent. Gallicanism; Josephism; Febronianism; Jansenism. The French Revolution. Council of the Vatican. The "Kulturkampf." The Church in the East. The Oxford Movement. The Church in North America. Pontificates of Pius X, Benedict XV.

1 hour a week, 1 semester, 1 point.

Courses 31-32 are prescribed for Juniors.

PHILOSOPHY.

Course 31-32—General Introduction to Philosophy.

This course includes the definition, division and methods of Philosophy; relation of Philosophy to the natural sciences and to religion; philosophical problems; historical outline of leading philosophical doctrines.
3 hours a week, 1 year, 6 points.
Prescribed for Juniors.

Course 1.—Epistemology.

Study of thought-processes for the purpose of determining their ultimate significance and validity as factors of knowledge.
3 hours a week, 1 semester, 3 points.

Course 2.—Greek Philosophy.

Study of pre-Socratic speculations as to the nature of the physical world. Socrates, Plato, Aristotle.
2 hours a week, 1 year, 4 points.

Course 3.—Medieval Philosophy.

Neo-Platonism. Scholasticism. Philosophy and Science.
3 hours a week, 1 semester, 3 points.

Course 4.—Modern Philosophy.

Presentation and criticism of leading philosophical theories from Descartes to Bergson. Present philosophical tendencies.
3 hours a week, 1 semester, 3 points.

PSYCHOLOGY.

Course 1.—Empirical Psychology.

Description, analysis and classification of the various mental states and operations.
3 hours a week, 1 semester, 3 points.

Course 2.—Physiological Psychology.

The nervous mechanism. Correlation of the nervous mechanism and mental phenomena. General relation of mind and body.
3 hours a week, 1 semester, 3 points.

ETHICS.

Course 41-42.—Principles of Ethical Science.

Investigation of the nature and the ends of human acts; the foundation of moral distinctions; grounds of moral obligation; the problem of duty; the sanctions of morality. Classification of virtues and vices. Laws and rights.

2 hours a week, 1 year, 4 points.

Prescribed for Seniors.

Course 43.—History of Ethics.

Critical study of leading schools of ethical thought.

3 hours a week, 1 semester, 3 points.

EDUCATION.

(The following courses may be elected for credit toward the B. A. degree as well as offered in fulfillment of the requirements for the teacher's certificate).

The courses in Education are open to all college students who have successfully completed the Freshmen and the Sophomore years.

These courses include a study of educational principles and methods; applications of logic and psychology and the teaching process; the history of educational institutions.

Courses 31, 32 and T41-42 are required for the examination for License No. 1 by the New York City Board of Education. Course T42 must also be successfully completed for secondary teaching.

Course 21.—History of Education.

This course aims, first, to describe the systems of education by which the principal nations of the world have attempted to realize their social ideals; and second, to criticize the educational theories and practices at different periods from the standpoint of the educational principles now accepted as sound. The work consists of lectures, recitations and assigned readings.

3 hours a week, 1 semester, 3 points.

Course 32.—Principles of Education.

The first half of the course deals with the principles underlying physical, vocational, moral, and cultural education. Special emphasis is given to the statement of aims in these four fields and the means of realizing them. The second half of the course is designed to serve as a transition from theoretical psychology to the methods of teaching specific elementary school subjects. The work consists of lectures, recitations, and outside readings.

3 hours a week, 1 semester, 3 points.

Course 22.—Logic.

This course treats of the principles of correct reasoning and of the relation of logic to education. Selections from newspapers and magazines are used for practice in defining, classifying, and detecting fallacies.

3 hours a week, 1 semester, 3 points.

Course 31.—Educational Psychology.

This course is designed to give a knowledge of the activities of the mind from the standpoint of development with special emphasis on the needs of teachers. The stress throughout is upon the laws of learning. The work consists of lectures, recitations, and assigned readings.

3 hours a week, 1 semester, 3 points.

Course T 41-42.—Methods of Teaching.

This course will begin with a brief survey of the problems of general methods and of the recitation. The more important part of the work will be the study of the methods of teaching each of the elementary school subjects. It will stress not technique only, but also content. The work will be practical and designed to help the prospective teacher in the teaching problems which arise in the course of class instruction. Therefore, special emphasis will be laid on the aims subserved by each subject; its content and gradation; special difficulties; and the organization of a lesson plan in terms of type of lesson; teachers' work; pupils' work and illustrative material.

2 hours a week, 1 year, 4 points.

NOTE—In connection with this course, twenty (20) hours of observation in elementary classes will be required.

Course T 42.—Principles and Methods in Secondary Education.

(Open only to students who are recommended for superior ability in the subject they are planning to teach).

The course will endeavor to present the basic principles of classroom management and of the various types of recitation which are valid in high school instruction. Special attention will be given to the study of psychology of the adolescent child. The course will be conducted as follows: lectures by instructor, discussions in classroom, collateral readings in assigned texts and special assignment in the preparation of lessons for presentation to class.

2 hours a week, 1 semester, 2 points.

This schedule of studies is so arranged that it does not interfere with those of other courses.

LATIN.

Course 11. Livy: Selections from Books XXI-XXVI. Translation of prepared passages. Sight reading. Latin Syntax and Latin Prose Composition.

Freshmen. 3 hours a week, 1 semester, 3 points.

Course 12. Horace: Selected Odes and Epodes. Pliny, Letters (Optional). The metres, language and style of Horace. Latin Prose Composition.

(Course 11-12 prescribed for Freshmen who are candidates for the B.A. degree).

Freshmen. 3 hours a week, 1 semester, 3 points.

Course 21. Horace: Satires and Epistles. Horace's philosophical and literary viewpoints.

Sophomores. 3 hours a week, 1 semester, 3 points.

Course 22. Cicero: De Senectute or De Amicitia. The influence exerted by Cicero on the literature and the character of the Roman people.

Sophomores. 3 hours a week, 1 semester, 3 points.

Course 31. Tacitus: Agricola and Germania. A comparative study of the three great exponents of Latin prose, Caesar, Livy and Tacitus. Sight reading and translation of selections from the writings of each.

Juniors. 3 hours a week, 1 semester, 3 points.

Course 32. Plautus and Terence. Selected readings.
Relation of the Greek drama to the Roman.

Juniors. 3 hours a week, 1 semester, 3 points.

Course 41. Readings from the Latin Fathers. Conversation and original composition in Latin.

Seniors. 3 hours a week, 1 semester, 3 points.

Course 42. Selections from the Latin poets: Ovid, Lucretius, Catullus, Propertius, Tibullus.

Lectures on Latin Literature; its history; its development in poetic and prose forms; the influence of Grecian Literature on the Latin.

Seniors. 3 hours a week, 1 semester, 3 points.

Course T 42. Teachers' Course in Latin.

Lectures on the authors read in the secondary school. Discussion of methods and problems. Practice teaching.

Seniors. 1 hour a week, 1 year, 2 points.

LATIN.

(Open to those who do not present Latin at entrance).

Course A. Elementary: Grammar, vocabulary and exercises.

First Semester, 5 hours a week.

Course B. Intermediate: Application of the ordinary rules of syntax. Selected readings from Caesar's Gallic War and Civil War.

Second semester, 5 hours a week.

Course C. Intermediate: Cicero,—The orations against Catiline, for the Manilian Law, and for Archias.

First Semester, 5 hours a week.

Course D. Intermediate: Virgil,—Selections from Bucolics, Georgics and Aeneid.

Second semester, 5 hours a week.

(The above elementary and intermediate courses must be completed before a student enters Junior Class).

GREEK.

Course 11. Plato: Apology and Crito. Sight reading from New Testament Greek. Prose Composition.
Freshmen. 3 hours a week, 1 semester, 3 points.

Course 12. Homer: Odyssey, Books I-IV. Study of Homeric syntax and poetic forms. Prose composition.
Freshmen. 3 hours a week, 1 semester, 3 points.

Course 21. Sophocles: Antigone and Oedipus Tyrannus. Rise and development of Greek drama. Aristotle's theory of tragedy.
Sophomores. 3 hours a week, 1 semester, 3 points.

Course 22. Demosthenes: Philippic or Olynthiac Orations. Prose composition.
Sophomores. 3 hours a week, 1 semester, 3 points.

Course 31. Thucydides: Books I and VI.
A study of Thucydides' historical method and literary style.
Juniors. 3 hours a week, 1 semester, 3 points.

Course 32. Euripides, Media and Alcestis.
Comparative study of Sophocles and Euripides.
Juniors. 3 hours a week, 1 semester, 3 points.

Course 41. The Greek Fathers. St. John Chrysostom: Defense of Eutropius. St. Basil: On the reading of books. St. Gregory; Funeral Oration of Caesarius.
Seniors. 3 hours a week, 1 semester, 3 points.

Course 42. History of Grecian literature; its development in prose and poetic forms. Selected readings.
Seniors. 3 hours a week, 1 semester, 3 points.

GREEK.

(Open to those who do not present Greek at entrance).

Course A. Elementary: Grammar, vocabulary and exercises.
First Semester, 5 hours a week.

Course B. Elementary: Syntax. Selected readings from Anabasis, Books I-II.
Second semester, 3 hours a week.

Course C. Intermediate: Anabasis, Books III-IV. Prose composition based on Xenophon.
First semester, 3 hours a week.

Course D. Intermediate: Homer, Iliad, Books I-III. Prose composition.
Second semester, 3 hours a week.

ENGLISH.

Course 11-12. Survey of English Literature. Based on a wide range of reading in prose and verse. Weekly reports.

3 hours a week, 1 year, 6 points.

Prescribed for Freshmen.

Course 21-22. English Composition. Rhetoric and the mechanics of writing. Appreciation of poetry. Daily themes.

3 hours a week, 1 year, 6 points.

Prescribed for Sophomores.

For Freshmen entering in February the order of the prescribed courses is 12, 21, 22, 11.

Course 31-32. Survey of American Literature based on a wide range of reading in prose and verse. Weekly reports.

2 hours a week, 1 year, 4 points.

Prescribed for students whose major or minor is English.

Course 41-42. Advanced Composition. Daily themes. Course 21-22 a prerequisite.

2 hours a week, 1 year, 4 points.

Prescribed for students whose major or minor is English.

Course E 31. Shakespeare.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course E 32. The World's Masterpieces. The great literatures of Europe and their influences on English literature.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course E 41. Contemporary English and American Literature. A guide to current literature and to a correct estimate of authors of the present day.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course E 42. The English Novel. History of the rise and development of the English novel from its beginning to the present day.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course E 51. The American Novel. History and development of the American novel from its beginning to the present day.

2 hours a week, 1 semester, 2 points.

Course E 52. English Poetry. The Masterpieces of English poetry from Chaucer to Tennyson. Readings and reports.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course E 61. American Poetry. An intensive study of the more important American poets.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course E 62. The English Essay. History and development of the essay as a literary type. Practice in writing the familiar essay.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Seniors.

Course T 41. Professional Review of English Literature.

2 hours a week, 1 semester, 2 points.

Elective for Seniors.

Course T 42. Methods of teaching English in Secondary Schools.

2 hours a week, 1 semester, 2 points.

Elective for Seniors.

Courses T41 and T42 are restricted to students who have maintained a standard of not less than B in the prescribed courses in English.

ORAL ENGLISH.

The purpose of these courses is to develop in the student the ability to read with ease and naturalness and to speak with sincerity and conviction.

Course 11-12.

Training in Fundamentals: Poise and flexibility of the body. Exercises in breathing. Analysis and study of English sounds. Correct use of the voice in conversing and narrating. Short talks on current events. The telling of stories.

1 hour a week, 1 year, 2 points.

Prescribed for Freshmen.

Course 21-22.

Interpretive Reading: Modulations of the voice. Inflection, change of pitch, emphasis. Logical thinking with the proper pause and phrasing. The true interpretation of literary forms; narrative, lyric, epic. Awakened appreciation of literature through its vocal expression. Development of the creative power.

1 hour a week, 1 year, 2 points.

Elective for Sophomores.

Course 31-32.

Public Speaking: Study of arrangement in the discourse mostly of diction. Principles of delivery. Voice training and the increase of force. The producing and projection of adequate tone.

1 hour a week, 1 year, 2 points.

Elective for Juniors.

Course 41-42.

Methods of Teaching: Phonetics, melody in speech, imaginative thinking. Intensive study of literature and of the classic drama for expression. Dramatic characterization. Staging of plays.

1 hour a week, 1 year, 2 points.

Open only to Seniors.

FRENCH.

Course 11-12.—Elementary—A beginner's course. Fundamentals of French grammar, pronunciation, practice in conversation, and reading of simple French prose.

Required of all students in the Freshman year who enter with a two years' condition, or who have not studied French.

3 hours a week, 1 year, 0 points.

Course 13-14.—Advanced—More intensive study of French syntax, composition, dictation and reading of French prose of ordinary difficulty; conversation.

Required of all students in the Freshman year who offer two or more years of French.

3 hours a week, 1 year, 6 points.

Course 21-22.—General Literature—Required of all Sophomores in the French major and minor. May be offered as an elective by other qualified students. A general survey of French History, Literature, Art and Culture.

3 hours a week, 1 year, 6 points.

Course 31-32.—The Golden Age of French Literature—

Classic prose and the development of the drama through the XVIIth and XVIIIth centuries. Required of all Juniors and Seniors in the French major and minor. Given in alternate years with Course 41-42.

3 hours a week, 1 year, 6 points.

Course 41-42.—French Literature of the XIXth century. The Romantic Period. Modern and contemporary novel, poetry and drama.

3 hours a week, 1 year, 6 points.

Course T 43-44.—Methods of teaching, including historical grammar, phonetics, observation and practice. Required of all Seniors in the French major.
2 hours a week, 1 year, 4 points.

SPANISH.

Course 11-12.—**Elementary**—A beginner's course. Fundamentals of grammar, pronunciation, conversation, reading of simple Spanish. May be offered in place of French 11-12 by students entering without modern language.
3 hours a week, 1 year, 0 points.

Course 13-14.—**Advanced**—More intensive study of syntax, composition, dictation, reading and conversation. Required of all students in the Freshman year who offer for entrance two or more years of Spanish.
3 hours a week, 1 year, 6 points.

Course 21-22.—Masterpieces of Spanish Literature. A brief survey of representative works. Required of Sophomores in the Spanish major or minor. Open to qualified Juniors and Seniors as an elective.
3 hours a week, 1 year, 6 points.

Course 31-32.—The Golden Age of Spanish Literature. The development of the drama. Required of all Juniors and Seniors in the Spanish major or minor. Given in alternate years with Course 41-42.
3 hours a week, 1 year, 6 points.

Course 41-42.—Modern and contemporary periods of Spanish Literature. Spanish-American Literature.
3 hours a week, 1 year, 6 points.

Course T 43-44.—Historical grammar, phonetics and methods of teaching, with observation and practice. Required of Seniors in the Spanish major.
2 hours a week, 1 year, 4 points.

GERMAN.

Course 1.—Elementary.

Reading, Grammar, Written Exercises, Conversation. The aim of this course is to impart ability to read at sight ordinary prose and poetry; a knowledge of grammar, facility in translating; the use of usual words and phrases in conversation.

3 hours a week, 1 year, 6 points.

Course 2.

Intermediate course. Advanced Composition; Syntax Conversation.

3 hours a week, 1 year, 6 points.

Course 3.—Advanced.

Lyrics, Ballads, Modern Epic: The Volkslieder, Schefel's Trompeter von Sakkingen, Weber's Dreizehn Linden read in class. Exercises in literary analysis, comparison, history.

Open to students who present minor German, or who have completed 1 and 2.

3 hours a week, 1 year, 6 points.

Course 4.

German Classic Drama, Selected plays of Lessing, Goethe, Schiller and Grillparzer; Dramatic technique, reports.

Requirements as for Course 3.

3 hours a week, 1 year, 6 points.

Course 5.

Course in the German novel. Study of the development of the German novel. Reading and discussion.

2 hours a week, 1 year, 4 points.

Course 6.

History of German Literature. This course deals with the development of German letters and the national conditions affecting literary production. Reading and discussion.

Open to Junior and Senior students.

2 hours a week, 1 year, 4 points.

Course 7.

Introduction to Germanic Philology. Phonetics. Historical and comparative Grammar. Relation of Germanic to other languages and to Germanic dialects.

1 hour a week, 1 year, 2 points.

Open to Junior and Senior students.

Course 8.

Middle High German. Literary Course. Volksepos, Nibelungenlied and Kudrun, Hofisches Epos, Hartmann von Aue, Wolfram von Eschenbach, Gottfried von Strassburg.

2 hours a week, 1 year, 4 points.

Open to Senior students.

HISTORY AND POLITICAL SCIENCE.

Course 21-22.—History of Western Europe to the present day.

This course traces the political and social development of Europe from the decline of the Roman Empire to the present day. Emphasis will be placed on the rise of the chief European nations; national consolidation and expansion; economic and social problems; unification, nationalization and democratization of European peoples. Text, lectures, prescribed readings, reports.

3 hours a week, 1 year, 6 points.

Prescribed for all candidates for the degree.

Course E 21-22.—Political and Constitutional History of the United States.

The origin and nature of political institutions; rise and development of political parties; universal suffrage; mutual relations of state and federal governments; current legislative problems and political questions.

3 hours a week, 1 year, 6 points.

Elective for Juniors.

Course 31-32.—English Political and Constitutional History.

Feudal and manorial systems; foundations of Parliament; relations of Parliament and King; political problems; social politics; imperial questions; war and readjustment.

3 hours a week, 1 year, 6 points.

Elective for Juniors.

Course 41.—The Roman Empire.

The Roman State; its people, arts, industries, education and government. The Barbarian Invasions and the breakup of the Empire.

3 hours a week, 1 semester, 3 points.

Elective for Seniors.

Course 42.—The History of Medieval Europe.

This course traces the development of Europe and its civilization from the decline of the Roman Empire to the opening of the sixteenth century. Text, lectures, prescribed readings, reports.

3 hours a week, 1 semester, 3 points.

Elective for Seniors.

Course R 32.—Municipal Government in Europe and the United States.

A study of the organization, functions and problems of city government in the United States, England, France and Germany.

3 hours a week, 1 semester, 3 points.

Prescribed for Juniors.

Course 1.—Renaissance.

Politics and Humanism; fine arts and voyage of discovery.

3 hours a week, 1 semester, 3 points.

Course 2.—The French Revolution.

Causes and effects. Evolution of modern France.

3 hours a week, 1 semester, 3 points.

Course 3.—Europe since 1815.

An intensive study of the great tendencies of the century; the building up of nations like Germany. Italy and the Balkan States; expansion; the chief economic and social problems.

3 hours a week, 1 semester, 3 points.

Course 4.—The World War.

Historical background; fundamental causes; the Austro-Serbian controversy; violations of international law; America's war aims, campaigns; geographical features; science and the war; economic, social, religious problems; peace; boundary changes; reconstruction.

3 hours a week, 1 semester, 3 points.

Course 5.—Principles of Political Science.

The fundamental nature of the state; of government, of sovereignty, of liberty and of law; a consideration of the relation of state to individual and of state to state.

3 hours a week, 1 semester, 3 points.

Course 6.—Government.

A comparative study of existing national governments with especial reference to those of England and the United States.

3 hours a week, 1 semester, 3 points.

Course T 42.—Methods of Teaching History in Secondary Schools.

Development of school instruction in history from the seventeenth century; programs of history teaching in Europe and America; place of history in secondary schools of the United States; methods of teaching; observation.

1 hour a week, 1 year, 2 points.

Open to Seniors whose major is History.

ECONOMICS.

Course 31.—Principles of Economics.

A study of the laws of production and exchange, distribution and consumption of wealth.

3 hours a week, 1 semester, 3 points.

Prescribed for Juniors.

Course 1.—Economic Problems.

Domestic and foreign commerce; credit, currency; banking; trusts; taxation; labor; transportation.

3 hours a week, 1 semester, 3 points.

Course 2.—Economic History of the United States.

Colonial agriculture; industry and trade; economic legislation; economic significance of slavery; industrialism; the nation's resources; inheritance and income tax; trusts; war finance; economic reconstruction.

3 hours a week, 1 semester, 3 points.

Course 3.—History of Economics.

The production and distribution of wealth in ancient Greece and Rome; medieval and modern economic problems and reforms; influence of the economic element on the history of the world.

3 hours a week, 1 semester, 3 points.

SOCIOLOGY.

Course 1.

The origin, development, structure and functions of society. Sociological influences of heredity, environment and of physical, moral and social factors. Poverty and pauperism. Private charity. Public relief. The causes, punishment and prevention of crime. Education and social progress.

3 hours a week, 1 semester, 3 points.

MATHEMATICS.

Course 11.

College Algebra. Review. Functions and their graphs. Quadratic equations. Inequalities. Complex numbers. Theory of equations. Permutations, combinations and probability. Determinants. Partial fractions. Logarithms. Infinite series.

3 hours a week, 1 semester, 3 points.

Prescribed for Freshmen.

Course 12.

Solid Geometry: Relations of planes and lines in space. Properties and measurements of prisms, pyramids, cylinders and cones. The sphere and the spherical triangle. Problems. Application of principles to measurements of surface and solids.

3 hours a week, 1 semester, 3 points.

Prescribed for Freshmen.

Course 21.

Plane trigonometry: The six trigonometric functions. Principle formulae. Solution of plane triangles. Equations and Identities. De Moivre's Theorem. Roots of numbers. Euler's formula. Spherical trigonometry: fundamental principles. Solutions of spherical triangles. Applications to Astronomy and Navigation.

3 hours a week, 1 semester, 3 points.

Course 22.

Analytical Geometry: (a) Geometric interpretation of equations dealing with the functions of a single variable. Different systems of co-ordinates. The straight line, circle, parabola, ellipse and hyperbola. Empirical Equations. Loci of the first and second orders. Higher Plane curves. (b) Geometric interpretation of Equations representing Functions of two variables. The Straight Line. Plane and Cylindrical surfaces.

3 hours a week, 1 semester, 3 points.

Course 31.

Differential Calculus: Fundametal Problem. Differentiation according to the methods of limits, differentials and derivatives of the various orders. Indeterminate forms. Taylor's Theorem. Application. Partial Differentials. Curve drawing.

3 hours a week, 1 semester, 3 points.

Course 32.

Integral Calculus: Fundamental problem. Direct integration. Definite integrals. Rational fractions. Reduction formulae. Lengths and Areas of curves. Surfaces and Volumes of Solids of Revolution. Double and Triple Integration. Applications.

3 hours a week, 1 semester, 3 points.

Course 41.

The scope of this course is to familiarize the student with some of the higher branches of Mathematics. It will include lectures on Differential Equations, Hyperbolic Functions, Functions of a Complex Variable and Vector analysis, together with problem work on the part of the student.

3 hours a week, 1 semester, 3 points.

Course 42.

History of Mathematics.—In this course the chronological and logical aspects of the development of the Science of Mathematics will be treated.

3 hours a week, 1 semester, 3 points.

Course T 42.

Methods of teaching Mathematics in Secondary Schools.

1 hour a week, 1 year, 2 points.

Open to Seniors whose major is Mathematics.

PHYSICS.

(Open only to students who have not received entrance credit in Physics).

Course 1.

General Experimental Physics. Fundamental principles and properties of matter, mechanics, heat, magnetism, electricity, light and sound. Lectures. Experiments and individual laboratory work.

3 hours a week, 1 semester, 3 points.

Course 2.

Molecular Physics and Heat. Internal forces of matter; kinetic theory; thermometers; change of condition, radiation and absorption. Calorimetry. Steam and gas engines. Properties of gases.

Course 3.

Magnetism and electricity. Properties of magnets. Terrestrial magnetism. Compass. Laws of magnetic attraction and repulsion. Process of magnetization. Forces of electric phenomena. Condensation. Faraday's Law of electrolysis. Measurement of current. Thermo-electricity. Cathode rays; canal rays; X-Rays. Application of electricity to therapeutics.

Course 4.

Light; Wave motion; refraction; reflection; optical instruments; interference; polarization. Sources of light. Color phenomena.

Course 5.

Acoustics. The nature, production, propagation and reflection of sound. The scientific basis of our musical system. Vibration of strings, rods, plates, membranes. Acoustics of buildings.

CHEMISTRY.

Students who select Science for a major or a minor must offer two (2) years of the same Science.
Chemistry 11-12 or Biology 11-12 are required for the degree.

Course 11-12.

This course deals with the principles of inorganic chemistry. It includes a study of the principal elements, a description of inorganic and simple organic compounds; the important laws and theories; chemical equations and calculations; practical references and applications to chemical facts of every day life.
3 hours recitation, 2 hours laboratory a week, 1 year, 8 points.

Course 1.—General Inorganic Chemistry.

This course gives a more intensive study of the theories of chemistry than Course 11-12. Prerequisite: Course 11-12.

2 hours lectures and recitation, 4 hours laboratory a week, 1 year, 8 points.

Course 2.—Qualitative Chemical Analysis.

This course treats of the operations and methods employed to ascertain what chemical elements, or simple chemical compounds are present in more complex substances and mixtures. It includes a study of the reactions for metals and acid radicals ~~in solution and~~ the reactions for dry substances.

3 hours recitation, 2 hours laboratory a week, 1 year, 6 points.

Course 3.—Quantitative Chemical Analysis.

Gravimetric analysis: the balance and weights; determination of elements in selected inorganic compounds. Volumetric analysis; study of normal and standard solutions; acidimetry and alkalimetry; determination of ammonium; preparation of standard potassium permanganate; determination of manganese dioxide.

1 hour recitation, 4 hours laboratory a week, 1 year, 6 points.

Course 4.—Organic Chemistry.

This course includes a study of the most important classes of organic compounds in the aliphatic and aromatic series.

3 hours lectures and recitation, 3 hours laboratory a week, 1 year, 8 points.

Course 5.—Food Chemistry.

A study of the composition, production and uses of foods; proteins, fats; carbohydrates. The adulteration, sterilization and preservation of foods.

Course 6.—History of Chemistry.

BIOLOGY.

Course 11-12.

The functions of living beings; study of organs; tissues; cells; protoplasm. Various functions of protoplasm studied with reference to plant, animal, and human biology.

Lecture 2 hours, recitation 1 hour, laboratory 2 hours a week, 1 year, 8 points.

Course 21-22.—Systematic Botany.

Morphology, physiology, and ecology of types representing the four great groups.

Course 11-12 a prerequisite.

Lecture 1 hour, recitation 1 hour, laboratory 4 hours a week, 1 year, 8 points.

Course E 21-22.—Systematic Zoology.

Study of types from the amoeba to mammals.

Course 11-12 a prerequisite.

Lecture 1 hour, recitation 1 hour, laboratory 4 hours a week, 1 year, 8 points.

Courses 21-22 and E21-22 given alternate years.

Courses 21-22 or E21-22 open to Sophomores in the Science major or minor.

Course 31-32.—Physiography.

The Earth; geographical features as a planet; relation to the solar system; topographic features. The Hydrosphere; the ocean; movements of the oceanic waters. The Atmosphere; the nature and effects. Field work with summaries and discussions.

Lecture 2 hours, recitation 1 hour, laboratory 2 hours a week, 1 year, 8 points.

Open to Juniors in the Science major or minor.

PHYSICAL TRAINING.

Physical Training is prescribed for every student unless she is excused by the College Physician. The Gymnasium work is in charge of an experienced and competent instructor, a graduate of the Savage School of Physical Training.

The course includes a practical and theoretical education in the care and training of the body, and the preservation of health.

Course 11-21.

Floor work—Structural and rhythmic exercises, for the purpose of correct posture, and co-ordination of muscles. Theory—Lectures in "Personal Hygiene," and the "Effect of Exercise," on the various organs of the body.

Prescribed for Freshmen and Sophomores.

1 hour a week, $\frac{1}{2}$ point per year.

Course 31.

Floor work—Folk dancing, games, tactics.

Theory—Methods in teaching Physical Training, folk dancing and games to children in elementary schools. Prescribed for Juniors who intend to prepare for examination for License No. 1.

1 hour a week, 1 year, 1 point.

Girl Scout Leadership:

Course given in cooperation with Physical Training Department. While the course is designed to give the necessary background and technique for leading a troop of Girl Scouts, it includes also problems of community organization, involving a survey of the leading junior program besides Girl Scouts. The class will be organized as a Girl Scout troop, combining practical work with lectures.

$1\frac{1}{2}$ hour a week, 1 semester, 1 point.

Open to Juniors.

DEPARTMENT OF FINE ARTS.

Course 1-2.

Cast Drawing and Freehand Perspective. Modeling in clay, type forms.

Course 3-4.

Instrumental Drawing, Projective drawing, plane sections, developments and the constructing of working drawings.

Course 5-6.

Linear Perspective. Applications to interiors and landscapes.

Course 7-8.

Painting. In all mediums from still life and the living model.

Course 9-10.

Sketching. Figure Studies. Action proportion and expression. Composition and design. Illustration.

Course 11-12.

Drawing and Color Work.

Course 41-42.—Methods of Teaching Art in Secondary Schools.

The purpose of this course is to analyze methods of teaching representative drawing and design and to present the synopsis of a course in practical aesthetics: to teach the study of art in its relation to the environment of the High School pupil.

1 hour a week, 1 year, 1 point.

HISTORY OF ART.

Course 1.

History of Art. An outline of the history of the architecture and the sculpture of the Egyptians, Phoenicians, Greeks and Romans. Early Christian, Byzantine and Gothic Art.

Course 2.

History of Art. Study of Renaissance architecture, sculpture, painting. Development of modern art in Europe and America. Japanese Renaissance.

Course 3.

History of Renaissance Art. This course includes a criticism of all the most important paintings by Italian, Flemish and German artists of the thirteenth, fourteenth, fifteenth and sixteenth centuries.

2 hours a week, 1 year, 4 points.

DOMESTIC ART.

Teachers' Course in the Pedagogy of Sewing with Construction Work in Cord.

This course is designed to give students the training necessary to fit them to teach the work outlined in the course of graded sewing in the Public Schools of the City of New York. Practical work is given in the preparation of models and the compilation of useful notes. Plans for class lessons are suggested.

1 hour a week, 1 year, 1 point.

Prescribed for Seniors who intend to prepare for examination for License No. 1.

MUSIC.

Course 1.—Elementary Theory.

General Survey of Essentials, rhythm, melody. Brief review of rudiments. Introduction of harmony, scales, intervals.

1 hour a week, 1 semester, 1 point.

Prescribed for Seniors, candidates for License No. 1.

Course 2.—Elementary Harmony (Prerequisite Course 1)

Inversion of intervals. Triads. Part writing. Harmonization of melodies. Figured bass.

1 hour a week, 1 semester, 1 point.

Course 3.—History of Music.

Origin of Music; Influence of Church; Modal music; Gregorian chant; counterpoint. Popular or Secular: Folk music; perfection of polyphony; early Italian opera; evolution of oratorio.

1 hour a week, 1 semester, 1 point.

Course 4.—History of Music.

Instrumental music: Evolution of pianoforte; perfection of violin; new forms of composition. Chamber music. Development of orchestra. Reforms in opera. Classic masters and achievement. Romantic era. Modern composers and tendencies.

2 hours a week, 1 semester, 2 points.

Elective for Juniors and Sophomores.

Course 5.—Ear Training and Dictation.

Tone relations; brief survey of physical properties of sound; major and minor scales analyzed; recognition of simple intervals; dictation of melodies; melody writing. Individual and class work.

Discussion of syllabus in music for public school. Individual sight singing.

Best taken in conjunction with Course 1.

1 hour a week, 1 semester, 1 point.

Prescribed for Seniors, candidates for License No. 1.

STUDENTS' ORGANIZATIONS.

The Literary Society.	The Classical Club.
The Dramatic Society.	Le Cercle Francais.
The Glee Club.	The Athletic Association.
The Undergraduate Association, General (U. A.)	

RELIGIOUS SOCIETIES.

Students are urged to become members of the League of the Sacred Heart and the Sodality of the Blessed Virgin in their respective parishes. They are also encouraged to identify themselves, in a helpful and wholesome manner, with all parochial activities.

The Stella Maris Circle—The Students' missionary unit.

The Apostleship of Study—The Students' religious society.

The students enrolled in the Society for the Propagation of the Faith.

EXPENSES.

Per Annum.

Tuition	\$150.00
Laboratory Fee	10.00
Gymnasium Fee	5.00
Graduation Fee	15.00
Library Fee	3.00
Locker Fee	.50
Registration Fee	5.00

Bills payable semi-annually in advance. No deduction made for withdrawal except in case of protracted illness.

FORM OF BEQUEST.

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of.....dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think most useful.

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of.....dollars, to be safely invested by it, and called the.....Scholarship Fund. The interest of this fund shall be applied to the aid of deserving students in Saint Joseph's College for Women.

REGISTER OF STUDENTS

1920—1923.

- Aubert, Marion E., 25
Baeszler, Catherine A., 26
Bampton, Mrs. Benjamin, 24
Barton, Mabel I., 26
Bonnet, Amy C., 23
Brady, Mrs. John, B.A., 21
Brown, Viola C., 24
Byrne, Agnes E., B.A., 21
M.A., 22, Fordham University
Byrne, Grace M., B.A., 21
M.A., 22, Fordham University
Carter, Genevieve M., 26
Campbell, Helen D., B.A., 21
Cassidy, Cecile E., 23
Castellano, Concepta R., 24
Caufield, Helen C., B.A., 21
Colborne, Loretta C., 26
Connolly, Agnes J., 23
Conway, Marguerite I., 24
Corcoran, Caroline C., 24
Corry, Agnes M., 25
Corsiglia, Sylvia M., 25
Cowley, Gertrude M., 26
Crowley, Margaret M., 26
D'Albora, Genevieve A., 26
D'Albora, Helen A., B.A., 21
Daly, Agnes E., 26
Dannemiller, Mrs. Edward, 20
Dannenhoffer, May B., 26
DeMuth, Loretta M., 24
Dempsey, Dorothy A., 25
Dilworth, Gertrude M., 25
Dodworth, Grace A., 26
Dolan, Cecilia M., 25
Dolan, Eleanor M., 26
Dolan, Marie T., 24
Donaldson, Angela Z., 24
Doyle, Constance D., B.A., 20
Duffy, Agnita V., B.A., 21
Duffy, Mildred M., B.A., 21
M.A., 22, Fordham University
Dugan, Kathleen M., 24
Eckels, Barbara E., 26
Farrell, Violet J., 26
Fearon, Rita A., 24
Fisher, Kathryn E., 26
Flinn, Eva M., B.A., 21
Fox, Virginia A., 25
Gallagher, Helen D., 26
Gallagher, Marion T., 26
Garvey, Bernadette M., 26
Gfrorer, Lillian R., 24
Gibson, Christine A., 24
Gildea, Sarah R., 23
Gillon, Regina D., 26
Giorgio, Filomena R., 25
Gleason, Ethel M., 24
Grainger, Alice A., 25
Greene, Mary S., 26
Hall, Isabel D., 22
Hannon, Veronica M., B.A., 22
Harper, Elsa K., 25
Hayes, Mildred E., 24
Hearns, Agnes M., 25
Hearns, Viola M., 24
Howard, Eleanor, B.A., 21
Howard, Margaret J., 26
Huschle, Mary J., B.A., 22
Johnston, Margaret F., 26
Keane, Teresa E., B.A., 22
Keenan, Margaret E., 26
Keely, Catherine M., 23
Kellam, Ethel M., B.A., 20
Kelly, Margaret F., 26
Kilgallen, Helen R., 26
Kilgallen, Katherine T., 26
Kister, Marion L., 26
Kramer, Ruth M., B.A., 22
Kuhn, Anna M.
Lavin, Ruth I., 25
Leavy, Doris C., 26
LeDoux, Corinne M., 26
Lenahan, Margaret F., 21
Lennon, Margaret I., 23
Lent, Irene V., 26
Livellara, Helen A., B.A., 21
Lynch, Catherine M., 23
Lynch, Margaret M., 25
Lynch, Mary J., 26
Magnor, Agnes R., 24
Magrath, May I., 26
Maguire, Lucy V., B.A., 21

REGISTER OF STUDENTS

(Continued)

- Maher, Ida P., 24
 Manning, Ellen L., 25
 Meehan, Margaret M., 24
 Mirabella, Mary L., 26
 Molesphini, Rosalind M., 25
 Monaghan, Ellen M., B.A., 22
 Murray, Eileen R., 26
 Moore, Mary A., B.A., 20
 M.A., 21, Fordham University
 Moran, Claire A., 23
 Munz, Regina M., 24
 Murphy, Gertrude M., 26
 McCaffrey, Rita T., 25
 McCarthy, Muriel M., 25
 McCormack, Ruth E., B.A., 21
 McConnell, Marie F., B.A., 20
 McDonald, Anna M., 25
 McDonnell, Mary E., 26
 McGinnis, Mary C., 25
 McGrane, Alice M., 24
 McGrane, Eleanor C., 26
 McGrevy, Hortense E., 23
 McKenna, Catherine M., B.A., 22
 McKenna, Marion C., B.A., 21
 McLoughlin, Cecilia M., 25
 McManus, Mrs. John, B.A., 20
 McMurray, Maria A., B.A., 22
 McShane, Agnes V., 26
 Newman, Florence C., B.A., 21
 Nolan, Charlotte D., 23
 Nolan, Florence H., 23
 Nolan, Marjorie D., B.A., 20
 Nolen, Florence E., B.A., 20
 O'Brien, Grace M., 25
 O'Connor, Agnes M., 26
 O'Connor, Ida L., 23
 O'Dwyer, Irene A., B.A., 22
 O'Hale, Catherine P., B.A., 21
 O'Malley, Claire V., 24
 O'Mara, Emily F., 25
 O'Reilly, Marion E., B.A., 22
 Ormond, Margaret F., 24
 Parks, Helen R., B.A., 20
 M.A., 22, Fordham University
 Pattison, Agnes M., 25
 Reardon, Gladys K., 26
 Repetti, Edith C., 24
 Reynolds, Grace A., B.A., 21
 Rick, Beatrice M., 25
 Roberts, Gertrude I., 23
 Rocca, Mrs. Pietro, B.A., 22
 Roche, Lillian M., 20
 Roche, Margaret M., 25
 Rockefeller, Mareitta C., 26
 Roland, Agnes V., 25
 Schmitz, Lola C., 26
 Schneider, Anna, 26
 Scibilia, Annunciata V., B.A., 20
 M.A., 22, Fordham University
 Scibilia, Catherine T., 21
 Sebre, Georgette F., 21
 Shannon, Catherine A., B.A., 22
 Sheehan, Marie C., 26
 Sheridan, Genevieve R., 25
 Sheridan, Mary L., 23
 Sherrie, Ethel B., 25
 Shiebler, Harriet B., 23
 Simonetti, Amalia J., B.A., 20
 Simpson, Muriel L., 25
 St. John, Mary E., 24
 Smith, Frances L., 26
 Stewart, Helen M., 26
 Straub, Helen C., 26
 Sweeney, Anna J., 24
 Teaken, Marion E., 24
 Thompson, Kathleen A., B.A., 22
 Thompson, Rosamond I., 23
 Tierney, Ruth M., 23
 Tobin, Grace R., 23
 Todd, Sarah A., 25
 Uhlinger, Maria A., B.A., 20
 Vitale, Mildred E., 25
 Weiden, Helen L., 26
 Weiden, Roselyn J., 23
 White, Margaret C., 23
 Willman, Dorothy J., 23

COMMENCEMENT

On June 15, 1922, at the Third Commencement, the Regents of the University of the State of New York conferred the degree of Bachelor of Arts on the following students in course:

Sarena Helen Cali *C+*
Veronica Marie Hannon *C+*
Mary Josephine Huschle *B+*
Teresa Veronica Keane *C+*
Ruth Marie Kramer *C*
Catherine Marie McKenna *C+*
Marie Anne McMurray *C*
Ellen Marie Monaghan *C*
Irene Agnes O'Dwyer *C+*
Marion Elizabeth O'Reilly, Cum Laude *B+*
Catherine Agnes Shannon *C*
Kathleen Agnes Thompson *B*

PRIZES.

The Bishop McDonnell Purse for Religion was awarded to Teresa Veronica Keane.

Next in merit ex equo—Veronica Marie Hannon, Kathleen Agnes Thompson.

The Bishop Molloy Purse for Scholarship was awarded to Marion Elizabeth O'Reilly.

Purse for best English Essay was awarded to Amy Catherine Bonnet.

Purse for Excellence in the Senior Class was awarded to Mary J. Huschle.

Next in merit—Sarena Helen Cali.

Purse for Excellence in the Junior Class was awarded to Hortense Elizabeth McGrevy.

Next in merit—Margaret Irene Lennon.

Purse for Excellence in the Sophomore Class was awarded to Mary Eugenia St. John.

Next in merit—Angela Zita Donaldson.

Purse for Excellence in the Freshman Class was awarded to Cecelia Margaret McLoughlin.

Next in merit ex equo—Agnes Marie Corry, Agnes Marie Hearn.